

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| In re United States Patent Application of: |) | Docket No.: | 4276-109 |
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| Applicants: |) | Conf. No.: | 7149 |
| CHUA, Soo Jin, et al. |) | | |
| |) | | |
| Application No.: |) | Art Unit: | 1797 |
| 10/594,789 |) | | |
| |) | | |
| Date Filed: |) | Examiner: | FRITCHMAN, |
| September 29, 2006 |) | | Rebecca M. |
| |) | | |
| Title: |) | Customer No.: | |
| A SENSOR FOR |) | | |
| MEASURING GAS |) | | |
| PERMEABILITY OF A TEST |) | | |
| MATERIAL |) | | 23448 |
| |) | | |
| |) | | |

CERTIFICATE OF EFS FILING

I hereby certify that this document is being filed via EFS in the United States Patent and Trademark Office on **December 17, 2009**.
/kelly k. reynolds/

**RESPONSE TO SEPTEMBER 24, 2009 OFFICE ACTION
IN U.S. PATENT APPLICATION NO. 10/594,789**

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

This responds to the September 24, 2009 Office Action in the above-identified application. The time for responding to the September 24, 2009 Office Action without extension was set at three months, or December 24, 2009. This Response is therefore timely.

Please amend the claims of the above-identified patent application as set out in **Section I (Amendments to the Claims)** hereof.

Remarks concerning the amendments to the claims and the substance of the September 24, 2009 Office Action are set out in **Section II (Remarks)** hereof.